

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0009	Overall LMA Rating	Total LMA Miles						
Lake County Watershed Protection District	M	9.89						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.23	0.07	0.51	5.15%	0.11	0.06		
Trim / Thin Trees	0.52		0.52	5.26%				
Encroachments	0.02		0.02	0.20%	0.78	0.19		
Animal Control	0.01		0.01	0.10%				
Slope Stability	0.04		0.04	0.40%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.25	0.02		
<i>LMA Totals:</i>	0.82	0.07	1.10	11.12%	1.14	0.27	0.00	0.00

Unit No. 01 Middle Creek LB	Overall Unit Rating	Total Unit Miles						
NA0009	M	3.35						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.18	0.07	0.46	13.73%	0.08			
Trim / Thin Trees	0.15		0.15	4.48%				
Encroachments					0.50	0.03		
Slope Stability	0.04		0.04	1.19%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.03			
<i>Unit Totals:</i>	0.37	0.07	0.65	19.40%	0.61	0.03	0.00	0.00

Unit No. 02 Middle Creek RB	Overall Unit Rating	Total Unit Miles						
NA0009	A	2.66						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.02		0.02	0.75%				
Trim / Thin Trees	0.19		0.19	7.13%				
Encroachments	0.02		0.02	0.75%	0.20	0.04		
<i>Supplemental</i>								
DWR UCIP Field Study					0.08	0.01		
<i>Unit Totals:</i>	0.23	0.00	0.23	8.64%	0.28	0.05	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03 Scotts Creek LB		Overall Unit Rating	Total Unit Miles						
NA0009		A	1.36						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.02		0.02	1.47%		0.06			
Trim / Thin Trees	0.06		0.06	4.41%					
Encroachments						0.12			
<i>Supplemental</i>									
DWR UCIP Field Study					0.07				
<i>Unit Totals:</i>	0.08	0.00	0.08	5.88%	0.07	0.18	0.00	0.00	

Unit No. 04 Page, Alley and Clover Creek Diversion RB		Overall Unit Rating	Total Unit Miles						
NA0009		A	1.49						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation					0.03				
Trim / Thin Trees	0.11		0.11	7.40%					
Encroachments					0.07				
<i>Supplemental</i>									
DWR UCIP Field Study					0.01	0.01			
<i>Unit Totals:</i>	0.11	0.00	0.11	7.40%	0.11	0.01	0.00	0.00	

Unit No. 05 Clover Creek and Clover Creek Diversion LB		Overall Unit Rating	Total Unit Miles						
NA0009		A	1.03						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.01		0.01	0.97%					
Trim / Thin Trees	0.01		0.01	0.97%					
Encroachments					0.01				
Animal Control	0.01		0.01	0.97%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.06				
<i>Unit Totals:</i>	0.03	0.00	0.03	2.91%	0.07	0.00	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 01 Middle Creek			Left	3.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/28/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_1				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_9				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2016.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.56	Rating **	M	Issue No.	535
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183519 °	39.183519 °
				-122.911379 °	-122.911379 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26943					
DS_ID:21193					
EP_NO: 5237					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel pipe possibly sleeved through an 8-inch steel pipe, 3.0-feet below the crown. Siphon breaker in 24-inch CMP riser on the landward slope. Reinforced concrete cutoff wall at center of levee. Butterfly valve on the waterward side at pump on concrete base on the waterward bank, installed under Permit No. 5237 (1971). Pole on the waterward berm, with overhead power line supplying electricity to pump. Originally included in the 1961 O+M manual.					
FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26943_49782.jpg



Pipe and siphon breaker visible on LS slope.

LM Start	0.56	Rating **	M	Issue No.	535 (cont)
LM End	0.56	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_26943_49781.jpg



Power pole, meter, and pump visible on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.84	Rating **	M	Issue No.	536
LM End	0.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.179534 °	39.179534 °
				-122.912512 °	-122.912512 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26946 DS_ID:21196 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Siphon breaker in 24-inch CMP riser on landward slope. Pump on the waterward bank with a butterfly valve. Service pole on the waterward berm. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.83). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26946_49789.jpg



Siphon breaker in 24-inch cmp riser with vent on LS shoulder.

LM Start	0.84	Rating **	M	Issue No.	536 (cont)
LM End	0.84	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_26946_49788.jpg



Pump, pole, and meter on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.29	Rating **	M	Issue No.	13
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.160285 °	39.160285 °
				-122.913481 °	-122.913481 °
DWR ID	DWR_NA0009_01_s_2013_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_3_13_20160823_00007.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.35	Rating **	M	Issue No.	537
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.161002 °	39.161002 °
				-122.912843 °	-122.912843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975). FS Date: 1/14/2014					

Photo 1 of 2 : UCIP_FA_2016_27004_49862.jpg



Heavy vegetation at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.35	Rating **	M	Issue No.	537 (cont)
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.161002 °	39.161002 °
				-122.912843 °	-122.912843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975). FS Date: 1/14/2014					

Photo 2 of 2 : UCIP_FA_2016_27004_49861.jpg



Concrete U-shaped headwall on WS berm.

LM Start	2.36	Rating **	M	Issue No.	14
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161153 °	39.161153 °
				-122.912740 °	-122.912740 °
DWR ID	DWR_NA0009_01_s_2013_14				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_3_14_20160823_00008.jpg



View of the vehicle erosion along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Lake County Watershed Protection District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Lake County Watershed Protection District

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.60	Rating **	M	Issue No.	22
LM End	2.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.160190 °	39.159523 °
				-122.913039 °	-122.913402 °
DWR ID	DWR_NA0009_01_f _ 2016_22				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.66	Rating **	M	Issue No.	6
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159304 °	39.157252 °
				-122.913422 °	-122.913993 °
DWR ID	DWR_NA0009_01_s _ 2012_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.85	Rating **	C	Issue No.	30
LM End	2.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.156588 °	39.156588 °
				-122.914224 °	-122.914224 °
DWR ID	DWR_NA0009_01_s _ 2016_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.93	Rating **	U	Issue No.	31
LM End	2.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.155553 °	39.155553 °
				-122.914560 °	-122.914560 °
DWR ID	DWR_NA0009_01_s_2016_31				
Comment Code					
BU : Building					
Inspector Comment					
Two wooden sheds, one large, one small, with metal roofs.					

Photo 1 of 1 : FA_2016_NA0009_3_31_20160823_00019.jpg



5/2/2016: Remove or relocate 2 unpermitted sheds on L/S slope and toe.

LM Start	2.95	Rating **	M	Issue No.	25
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.155301 °	39.155301 °
				-122.914633 °	-122.914633 °
DWR ID	DWR_NA0009_01_s_2016_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_3_25_20160823_00015.jpg



Trim trees to 5' above levee slope (LS). 4/19/2016

LM Start	2.97	Rating **	M	Issue No.	12
LM End	2.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.154889 °	39.154889 °
				-122.914716 °	-122.914716 °
DWR ID	DWR_NA0009_01_f_2016_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Lake County Watershed Protection District

No Photos

5/2/2016: Remove or relocate unpermitted shed on L/S toe.

Remove the trees from the landside toe.

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Lake County Watershed Protection District

No Photos

**Flood Control Project Maintenance
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Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 02 Middle Creek			Right	2.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/28/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

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DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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Lake County Watershed Protection District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.24	Rating **	M	Issue No.	9
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186739 °	39.186389 °
				-122.909436 °	-122.909821 °
DWR ID	DWR_NA0009_02_s_ 2013_9				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_4_9_20160823_00007.jpg



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.38	Rating **	M	Issue No.	17
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.185239 °	39.185239 °
				-122.911018 °	-122.911018 °
DWR ID	DWR_NA0009_02_f_ 2016_17				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_4_17_20161003_00035.jpg



View of the prunings along the landside toe.

LM Start	0.42	Rating **	M	Issue No.	23
LM End	0.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.184812 °	39.182825 °
				-122.911647 °	-122.912168 °
DWR ID	DWR_NA0009_02_f_2016_23				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.48	Rating **	M	Issue No.	27
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.184080 °	39.184080 °
				-122.912130 °	-122.912130 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27563 DS_ID:24761 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No Permit identified for crossing. FIELD_STRUCT_DESC: 1.5-inch HDPE irrigation pipe through the levee at unknown depth below the crown. Pipe visible on WS berm slope. Pumphouse on LS toe. FS Date: 1/14/2014 7:19:18 AM					

Photo 1 of 2 : UCIP_FA_2016_27563_51182.jpg



Pipe visible just downstream from stormdrain.

LM Start	0.48	Rating **	M	Issue No.	27 (cont)
LM End	0.48	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_27563_51181.jpg



Pipe visible just downstream from stormdrain.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.49	Rating **	M	Issue No.	20
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.184001 °	39.183676 °
				-122.912139 °	-122.912179 °
DWR ID	DWR_NA0009_02_s_2016_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove large downed pine tree branch on LS toe.					

Photo 1 of 1 : FA_2016_NA0009_4_20_20160823_00011.jpg



View of the fallen tree branch on landside slope and toe.

LM Start	0.50	Rating **	U	Issue No.	34
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183775 °	39.183775 °
				-122.912187 °	-122.912187 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43053 DS_ID:21209 EP_NO: 8513 Repair Type: Urgent Crossing Status: Found UCIP Comments: Appears pipe is leaking on WS toe of Levee at mud pit FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel pipe through the levee, 2.0 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterward slope. (Permit No. 8513-1974) FS Date: 1/14/2014					

Photo 1 of 2 : UCIP_FA_2016_43053_50393.jpg



Pump and pipe visible at wooden box on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.50	Rating **	U	Issue No.	34 (cont)	
LM End	0.50	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.183775 °	39.183775 °	
				-122.912187 °	-122.912187 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43053						
DS_ID:21209						
EP_NO: 8513						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: Appears pipe is leaking on WS toe of Levee at mud pit						
FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel pipe through the levee, 2.0 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterward slope. (Permit No. 8513-1974)						
FS Date: 1/14/2014						

Photo 2 of 2 : UCIP_FA_2016_43053_50392.jpg



Mudpit at WS berm where pipe may be leaking.

LM Start	0.55	Rating **	M	Issue No.	33
LM End	0.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183130 °	39.183130 °
				-122.912198 °	-122.912198 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27208					
DS_ID:21210					
EP_NO: 11482					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Fence on LS slope creates access issue.					
FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975).					
FS Date: 1/14/2014					

Photo 1 of 2 : UCIP_FA_2016_27208_50411.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.55	Rating **	M	Issue No.	33 (cont)
LM End	0.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183130 °	39.183130 °
				-122.912198 °	-122.912198 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27208 DS_ID:21210 EP_NO: 11482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975). FS Date: 1/14/2014					

Photo 2 of 2 : UCIP_FA_2016_27208_50410.jpg



Flapgate and concrete headwall on WS berm.

LM Start	0.95	Rating **	M	Issue No.	24
LM End	0.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.177451°	39.176937°
				-122.913802°	-122.913576°
DWR ID	DWR_NA0009_02_f_2016_24				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.16	Rating **	M	Issue No.	35
LM End	1.16	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.174370 °	39.174370 °
				-122.913543 °	-122.913543 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42994					
DS_ID:21212					
EP_NO: 11483					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flapgate at outlet.					
FIELD_STRUCT_DESC: *ABANDONED* 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975).					
FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_42994_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

LM Start	1.16	Rating **	M	Issue No.	35 (cont)
LM End	1.16	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_42994_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.70	Rating **	M	Issue No.	28
LM End	1.70	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.167156 °	39.167156 °
				-122.916610 °	-122.916610 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27606					
DS_ID:21214					
EP_NO: 15825					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe with closure device not visible on WS toe. Clear soil from pipe and cover for better verification of closure.					
FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.0 feet below the crown. Siphon breaker on apex of pipe at landward shoulder.					
Exposed filter at landward slope. Seasonal pump on waterward slope.					
(Permit No. 15825-1992)					
FS Date: 1/22/2014					

LM Start	1.70	Rating **	M	Issue No.	28 (cont)
LM End	1.70	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27606_51250.jpg



Vent on LS shoulder with filter visible on LS toe.

Photo 2 of 2 : UCIP_FA_2016_27606_51249.jpg



T-post at WS toe may indicate location of pipe end. Covered with soil.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.92	Rating **	M	Issue No.	18
LM End	1.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.163912 °	39.163912 °
				-122.916695 °	-122.916695 °
DWR ID	DWR_NA0009_02_s_ 2016_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim willow trees.					

Photo 1 of 1 : FA_2016_NA0009_4_18_20160823_00009.jpg



View of the overgrown willow trees at the landside levee slope.

LM Start	1.95	Rating **	M	Issue No.	29
LM End	1.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163509 °	39.163509 °
				-122.916726 °	-122.916726 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27607					
DS_ID:21253					
EP_NO: 18228					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Pipe not found and no indication it was installed.					
Contact inspector for further info.					
FIELD_STRUCT_DESC: To install a 3-inch diameter sewer pipeline through both the east and west levees of Middle Creek with the pipeline encased in a 6-inch diameter sleeve attached to the Hwy 20 Bridge across Middle Creek. (Permit No. 18228)					
FS Date: 1/22/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.96	Rating **	M	Issue No.	30
LM End	1.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163414 °	39.163414 °
				-122.916741 °	-122.916741 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27624					
DS_ID:21243					
EP_NO: 15865					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Permit number likely revised from 15865. Verify with inspector and modify entry as required.					
FIELD_STRUCT_DESC: 8-inch steel sewer line (pressurized) through the levee, 3.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on waterward levee shoulder. Pipe visible under bridge (Permit No. 15865-1991).					
FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_27624_51263.jpg



Pipe visible under bridge.

LM Start	1.96	Rating **	M	Issue No.	30 (cont)
LM End	1.96	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_27624_51262.jpg



Manhole and vent lids visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.00	Rating **	M	Issue No.	31
LM End	2.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.162753 °	39.162753 °
				-122.916811 °	-122.916811 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:27629
DS_ID:21250
EP_NO: 17191
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Appears abandoned, if so it should be done so properly.
FIELD_STRUCT_DESC: 2 of 2: 2-inch PVC pipe through the levee, 2.0 feet below the crown. Well and electric pump at waterward toe. Pole and meter(Permit No. 17191-2000)
FS Date: 1/22/2014

LM Start	2.00	Rating **	M	Issue No.	31 (cont)
LM End	2.00	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27629_51280.jpg



Meter and control on LS slope next to pole.

Photo 2 of 2 : UCIP_FA_2016_27629_51279.jpg



Meter and control on LS slope next to pole.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.69	Rating **	C	Issue No.	21
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.153399 °	39.153399 °
				-122.915741 °	-122.915741 °
DWR ID	DWR_NA0009_02_s_2016_21				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove thick brambles and trim trees to restore visibility and access to LS slope and toe.					

No Photos

LM Start	2.76	Rating **	C	Issue No.	26
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.152418 °	39.151810 °
				-122.915413 °	-122.915178 °
DWR ID	DWR_NA0009_02_f_2016_26				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the landside slope were backfilled.					

No Photos

LM Start	2.76	Rating **	M	Issue No.	22
LM End	2.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.152322 °	39.152322 °
				-122.915380 °	-122.915380 °
DWR ID	DWR_NA0009_02_s_2016_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.84	Rating **	M	Issue No.	32
LM End	2.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27630 DS_ID:21215 EP_NO: 11481 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Soil partially blocking inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). This pipe was retained under ABO No. 11481 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_27630_51283.jpg



Concrete headwall and pipe visible at LS toe.

LM Start	2.84	Rating **	M	Issue No.	32 (cont)
LM End	2.84	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_27630_51282.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 03 Scotts Creek			Left	1.36
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/2/2016 - 5/2/2016		9/28/2016 - 9/28/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Lake County Watershed Protection District

View of the overgrown trees and vegetation at the landside toe.

No Photos

No Photos

Page 1 of 11

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.54	Rating **	M	Issue No.	17
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154786 °	39.154786 °
				-122.918703 °	-122.918703 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27863					
DS_ID:21217					
EP_NO: 11492					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Vegetation at inlet and wooden box failing at LS toe.					
FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0					
feet below the crown. Flap gate on the waterward end. Concrete					
headwalls on both ends with a wooden retaining wall drop inlet at LS					
toe (USACE-1961). Originally included in O&M manual (HLM 0.55).					
This pipe was retained under ABO No. 11492 (1975). USACE O&M					
DWG No. CC-4-4-29.					
FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_27863_51542.jpg



Pipe visible at LS toe covered with vegetation.

LM Start	0.54	Rating **	M	Issue No.	17 (cont)
LM End	0.54	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_27863_51541.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.75	Rating **	M	Issue No.	18
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.157443 °	39.157443 °
				-122.920110 °	-122.920110 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27891					
DS_ID:21219					
EP_NO: 11492					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Appears abandoned and if so should be done so properly.					
FIELD_STRUCT_DESC: 4-inch steel pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-inch CMP riser on LS shoulder. Pump on concrete platform on waterward side. Hose chute and concrete stairway on waterward slope. This pipe was retained under ABO No. 11492 (1975).					
FS Date: 1/22/2014					

LM Start	0.75	Rating **	M	Issue No.	18 (cont)
LM End	0.75	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27891_51587.jpg



Valve visible at bottom of CMP riser on LS shoulder.

Photo 2 of 2 : UCIP_FA_2016_27891_51586.jpg



Siphon at LS shoulder inside 24-inch CMP riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.77	Rating **	M	Issue No.	19
LM End	0.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.157759 °	39.157759 °
				-122.920301 °	-122.920301 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27892					
DS_ID:21220					
EP_NO: 11492					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at inlet.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0					
feet below the crown. Flap gate on the waterward end. Concrete					
headwalls on both ends. Concrete spillway on waterward slope to					
bottom of channel. (USACE-1961). This entry matches the Drainage or					
Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe					
was retained under ABO No. 11492 (1975).					
FS Date: 1/22/2014					

LM Start	0.77	Rating **	M	Issue No.	19 (cont)
LM End	0.77	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27892_51591.jpg



Concrete headwall visible next to concrete standpipe on LS toe.

Photo 2 of 2 : UCIP_FA_2016_27892_51590.jpg



Concrete outfall visible off WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.84	Rating **	M	Issue No.	14
LM End	0.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.158556 °	39.159304 °
				-122.920674 °	-122.920784 °
DWR ID	DWR_NA0009_03_f_2016_14				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_5_14_20161003_00026.jpg



View of the waterside vegetation looking upstream.

LM Start	0.93	Rating **	M	Issue No.	20
LM End	0.93	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.159736 °	39.159736 °
				-122.921042 °	-122.921042 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27894 DS_ID:21221 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_27894_51599.jpg



Flapgate and headwall off WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.93	Rating **	M	Issue No.	20 (cont)	
LM End	0.93	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.159736 °		39.159736 °
				-122.921042 °		-122.921042 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27894 DS_ID:21221 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014						

Photo 2 of 2 : UCIP_FA_2016_27894_51598.jpg



Concrete headwall on LS toe.

LM Start	0.98	Rating **	C	Issue No.	15
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.160074 °	39.160074 °
				-122.921988 °	-122.921988 °
DWR ID	DWR_NA0009_03_f_2016_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled rodent holes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.99	Rating **	M	Issue No.	21	
LM End	0.99	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.160129 °		39.160129 °
				-122.922117 °		-122.922117 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:27903						
DS_ID:21248						
EP_NO: 11488						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Siphon breaker standpipe knocked over and covered with dirt. Pipe and appurtances appear to be in disrepair. Gate valves next to tank broken.						
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-cmp riser on LS shoulder. Screw gate on waterside slope next to pump and 300-gallon tank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.02). This pipe was retained under ABO No. 11488 (1975).						
FS Date: 1/22/2014						

LM Start	0.99	Rating **	M	Issue No.	21 (cont)
LM End	0.99	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27903_51622.jpg



Pump at concrete pad on WS berm.

Photo 2 of 2 : UCIP_FA_2016_27903_51621.jpg



Gate valves at tank appear to be in disrepair.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.99	Rating **	M	Issue No.	22
LM End	0.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.160117 °	39.160117 °
				-122.922144 °	-122.922144 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27943					
DS_ID:21222					
EP_NO: 11488					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some vegetation buildup at inlet and outlet.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01). This pipe was retained under ABO No. 11488 (1975).					
FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_27943_51642.jpg



Concrete Headwall on WS berm.

LM Start	0.99	Rating **	M	Issue No.	22 (cont)
LM End	0.99	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_27943_51641.jpg



Headwall and flapgate on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	1.07	Rating **	M	Issue No.	23
LM End	1.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.159803 °	39.159803 °
				-122.923501 °	-122.923501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27944					
DS_ID:21223					
EP_NO: 11489					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sedimentation buildup at inlet and through pipe.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.09). This pipe was retained under ABO No. 11489 (1975).					
FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_FA_2016_27944_51646.jpg



Flasher on crown marks pipe location.

LM Start	1.07	Rating **	M	Issue No.	23 (cont)
LM End	1.07	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_27944_51645.jpg



Flapgate and headwall visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	1.07	Rating **	U	Issue No.	13
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159789 °	39.159613 °
				-122.923515 °	-122.924643 °
DWR ID	DWR_NA0009_03_s_2016_13				
Comment Code					
AV : Abandoned vehicles					
Inspector Comment					
Junk yard full of abandoned vehicles, some stacked at levee toe obostructing visibility and access to levee toe.					

Photo 1 of 1 : FA_2016_NA0009_5_13_20160823_00004.jpg



5/2/2016: Vehicle junk yard behind fence covered in dense growth of bushes and vines.

LM Start	1.07	Rating **	U	Issue No.	12
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159787 °	39.159616 °
				-122.923517 °	-122.924645 °
DWR ID	DWR_NA0009_03_s_2016_12				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense vegetation growing on fence blocks visibility and access.					

Photo 1 of 1 : FA_2016_NA0009_5_12_20160823_00003.jpg



5/2/2016: Dense bushes and vines covering fence along vehicle junk yard.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	1.07	Rating **	U	Issue No.	11
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159783 °	39.159615 °
				-122.923517 °	-122.924645 °
DWR ID	DWR_NA0009_03_s_2016_11				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_5_11_20160823_00002.jpg



5/2/2016: Fence along vehicle junk yard is covered in dense growth of bushes and vines.

LM Start	1.35	Rating **	C	Issue No.	16
LM End	1.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161389 °	39.161389 °
				-122.928050 °	-122.928050 °
DWR ID	DWR_NA0009_03_f_2016_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 04 Page, Alley and Clover Creek Diversion			Right	1.49
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/27/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.05	Rating **	C	Issue No.	11
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176442 °	39.176407 °
				-122.911544 °	-122.903027 °
DWR ID	DWR_NA0009_04_s_2016_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA mowed vegetation on the landside levee slope.					

No Photos

LM Start	0.53	Rating **	M	Issue No.	15
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.176410 °	39.176410 °
				-122.902740 °	-122.902740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26907 DS_ID:21226 EP_NO: 6303 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on waterwardside and should be plugged. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge (Permit No. 6303, -A, 1969). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26907_49751.jpg



Pipe open on waterward end.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.53	Rating **	M	Issue No.	15 (cont)
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.176410 °	39.176410 °
				-122.902740 °	-122.902740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26907 DS_ID:21226 EP_NO: 6303 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on waterwardside and should be plugged. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge (Permit No. 6303, -A, 1969). FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_FA_2016_26907_49750.jpg



Pipe visible on upstream side of bridge.

LM Start	0.74	Rating **	N	Issue No.	14
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.177678 °	39.177678 °
				-122.899097 °	-122.899097 °
DWR ID	DWR_NA0009_04_f_2016_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.75	Rating **	U	Issue No.	16
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177676 °	39.177676 °
				-122.898917 °	-122.898917 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43043					
DS_ID:21227					
EP_NO: 11501					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 13.8 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O&M manual					
This pipe was retained under ABO No. 11501 (1975).					
FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_43043_49754.jpg



Drainage canal at inlet on LS toe.

LM Start	0.75	Rating **	U	Issue No.	16 (cont)
LM End	0.75	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_43043_49753.jpg



Pipe and concrete headwall visible in drainage channel on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.93	Rating **	M	Issue No.	5
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.178953 °	39.178953 °
				-122.896629 °	-122.896629 °
DWR ID	DWR_NA0009_04_s_2016_5				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.05	Rating **	M	Issue No.	2
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.180479 °	39.180857 °
				-122.896567 °	-122.896165 °
DWR ID	DWR_NA0009_04_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_6_2_20160823_00002.jpg



Trim the trees up 5 feet for better visibility.

LM Start	1.19	Rating **	C	Issue No.	9
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.182154 °	39.182951 °
				-122.895005 °	-122.894409 °
DWR ID	DWR_NA0009_04_s_2012_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	1.19	Rating **	M	Issue No.	13
LM End	1.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.182161 °	39.182862 °
				-122.894983 °	-122.894505 °
DWR ID	DWR_NA0009_04_f_2016_13				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_6_13_20161003_00016.jpg



View of a ditch at the landside toe looking downstream.

LM Start	1.27	Rating **	C	Issue No.	12
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.183123 °	39.183123 °
				-122.894134 °	-122.894134 °
DWR ID	DWR_NA0009_04_f_2016_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.33	Rating **	M	Issue No.	8
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.183708 °	39.184717 °
				-122.893480 °	-122.893418 °
DWR ID	DWR_NA0009_04_s_2016_8				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Orchard trees obstruct visibility and access to LS.					

Photo 1 of 1 : FA_2016_NA0009_6_8_20160823_00003.jpg



5/2/2016: Trim trees to allow visibility and access to L/S slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

View of the Oleanders looking downstream.

Page 6 of 6

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 05 Clover Creek and Clover Creek Diversion			Left	1.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/27/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.30	Rating **	M	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176957 °	39.176957 °
				-122.898673 °	-122.898673 °
DWR ID	DWR_NA0009_05_s_ 2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : FA_2016_NA0009_7_3_20160823_00001.jpg



View of the elderberry along the landside toe.

LM Start	0.31	Rating **	M	Issue No.	16	
LM End	0.31	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.177076 °	39.177076 °	
				-122.898879 °	-122.898879 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26897						
DS_ID:21235						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at LS toe.						
FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Slide gate on waterward end. Steel						
walkway on waterward slope to slide gate. Concrete headwall on both						
ends. Originally included in 1961 O+M manual. Structure and pipes						
retained under ABO Permit No. 11507 (1975).						
FS Date: 1/9/2014						

Photo 1 of 2 : UCIP_FA_2016_26897_49712.jpg



Slide gate at steel walkway on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.31	Rating **	M	Issue No.	16 (cont)	
LM End	0.31	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.177076 °	39.177076 °	
				-122.898879 °	-122.898879 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26897						
DS_ID:21235						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at LS toe.						
FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Slide gate on waterward end. Steel						
walkway on waterward slope to slide gate. Concrete headwall on both						
ends. Originally included in 1961 O+M manual. Structure and pipes						
retained under ABO Permit No. 11507 (1975).						
FS Date: 1/9/2014						

Photo 2 of 2 : UCIP_FA_2016_26897_49711.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	M	Issue No.	17
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177074 °	39.177074 °
				-122.898902 °	-122.898902 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26891					
DS_ID:21234					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup on LS toe.					
FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).					
FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26891_49682.jpg



Slide gate on steel walkway at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

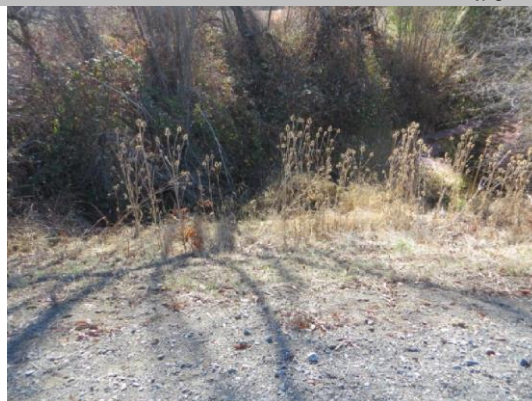
Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.31	Rating **	M	Issue No.	17 (cont)
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177074 °	39.177074 °
				-122.898902 °	-122.898902 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26891					
DS_ID:21234					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup on LS toe.					
FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the					
levee, 12.0 feet below the crown. Slide gate on waterward end. Steel					
walkway on waterward slope to slide gate. Concrete headwalls on both					
ends. Originally included in 1961 O+M manual. Structure and pipes					
retained under ABO Permit No. 11507 (1975).					
FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_FA_2016_26891_49681.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	15
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177078 °	39.177078 °
				-122.898926 °	-122.898926 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26888					
DS_ID:21233					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at outlet on LS toe.					
FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends.					
Steel slide gate plate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).					
FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26888_49666.jpg



Steel slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	M	Issue No.	15 (cont)	
LM End	0.32	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.177078 °	39.177078 °	
				-122.898926 °	-122.898926 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26888						
DS_ID:21233						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at outlet on LS toe.						
FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Concrete headwall on both ends.						
Steel slide gate plate blocks inlet on WS toe. Originally included in						
1961 O+M manual. Structure and pipes retained under ABO Permit No.						
11507 (1975).						
FS Date: 1/9/2014						

Photo 2 of 2 : UCIP_FA_2016_26888_49665.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	14
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177074 °	39.177074 °
				-122.898949 °	-122.898949 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26885					
DS_ID:21232					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at outlet on LS toe.					
FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the					
levee, 12.0 feet below the crown. Concrete headwall on both ends					
[Clover Creek Diversion Structure] . Originally included in 1961 O+M					
manual. Structure and pipes retained under ABO Permit No. 11507					
(1975).					
FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26885_49634.jpg



Steel plate slide gate visible at headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	M	Issue No.	14 (cont)	
LM End	0.32	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.177074 °	39.177074 °	
				-122.898949 °	-122.898949 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26885						
DS_ID:21232						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at outlet on LS toe.						
FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Concrete headwall on both ends						
[Clover Creek Diversion Structure] . Originally included in 1961 O+M						
manual. Structure and pipes retained under ABO Permit No. 11507						
(1975).						
FS Date: 1/9/2014						

Photo 2 of 2 : UCIP_FA_2016_26885_49633.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	13
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177070 °	39.177070 °
				-122.898967 °	-122.898967 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26883 DS_ID:21231 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup on LS toe. FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure] . Steel slide gate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26883_49622.jpg



Metal slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

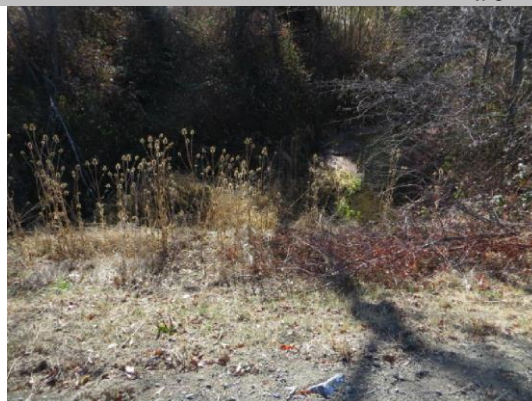
Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	M	Issue No.	13 (cont)	
LM End	0.32	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.177070 °		39.177070 °
				-122.898967 °		-122.898967 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26883						
DS_ID:21231						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup on LS toe.						
FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the						
levee, 12.0 feet below the crown. Concrete headwall on both ends						
[Clover Creek Diversion Structure] . Steel slide gate blocks inlet on WS						
toe. Originally included in 1961 O+M manual. Structure and pipes						
retained under ABO Permit No. 11507 (1975).						
FS Date: 1/9/2014						

Photo 2 of 2 : UCIP_FA_2016_26883_49621.jpg



Pipe visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	12
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177066 °	39.177066 °
				-122.898986 °	-122.898986 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26877					
DS_ID:21229					
EP_NO: 11507					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Some sediment buildup at outlet on LS toe.					
FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee, 12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete headwall on both ends. Steel slide gate covers WS inlet. Structure and pipes retained under ABO Permit No. 11507 (1975). Originally included in 1961 O+M manual.					
FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_FA_2016_26877_49610.jpg



Steel slide gate visible at headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	M	Issue No.	12 (cont)	
LM End	0.32	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.177066 °	39.177066 °	
				-122.898986 °	-122.898986 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26877						
DS_ID:21229						
EP_NO: 11507						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at outlet on LS toe.						
FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee,						
12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete						
headwall on both ends. Steel slide gate covers WS inlet. Structure and						
pipes retained under ABO Permit No. 11507 (1975). Originally included						
in 1961 O+M manual.						
FS Date: 1/9/2014						

Photo 2 of 2 : UCIP_FA_2016_26877_49609.jpg



Concrete headwall on LS toe.

LM Start	0.63	Rating **	M	Issue No.	10
LM End	0.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.175758 °	39.175758 °
				-122.904353 °	-122.904353 °
DWR ID	DWR_NA0009_05_s_2016_10				
Comment Code					
DE : Debris					
Inspector Comment					
Remove prunings and wooden lumber debris.					

Photo 1 of 1 : FA_2016_NA0009_7_10_20160823_00002.jpg



5/2/2016: Remove prunings and lumber debris from L/S toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District